| index of Claim | ex of Claims | |
|----------------|--------------|--|
| | | |

| 1 | Application No. | Applicant(s) |
|---|-----------------|----------------|
| | 10/768,382 | BREMMON ET AL. |
| | Examiner | Art Unit |
| | Jon A Szumny | 3632 |

| _ | Allowed |
|---|----------|
| √ | Rejected |

| - | - | (Through numeral) Cancelled |
|---|---|--------------------------------|
| - | | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| o | Objected |

| Cla | aim | Date | | | | | | |] | Claim Date | | | | | | . | CI | aim | Date | | | | | | | | | | | | | | | |
|--------------|----------|--|----------|----------|----------|--------------|--|--|--------------|--------------|----------|----------------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|-----|--------|------------|----------|-----------|-----------|----------|-----------|----------|----------|----------|----------------|
| Final | Original | 12/7/04 | | | | | | | | | | Final | Original | | | | | | | | | | | Final | Original | | | | | | | | | |
| щ | ő | 12 | | | | | | | | | | IL. | ō | | | | | | | | | | | ŭ. | ō | | | | | | | | | |
| | 1 | V | \vdash | | | T | T | | t | | ĺ | | 51 | | Ħ | | | | | | \dashv | | | | 101 | <u> </u> | 1 | | | | | | | |
| | 2 | 1 | | | 1 | П | \sqcap | | | | 1 | | 52 | | П | | | | | | | | | | 102 | <u> </u> | П | | T | | | | | П |
| | 3 | 1 | | | | | | | | |] | | 53 | | | | | | | | | | : . | | 103 | | | | | | | | | \Box |
| | 4 | 1 | | | | | | | | | | | 54 | | | | | | | | | | : | | 104 | | | | | | | | | |
| | 5 | 1 | | <u>L</u> | L | ļ | L | | _ | | : | | 55 | L | | | | | | | | | | | 105 | | | | | Ш | | | | |
| | 6 | 1 | _ | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u>L</u> |] | <u> </u> | 56 | | | | | | _ | _ | _ | _ | | | 106 | L | | | | | | | | Ш |
| | 7 | 1 | | _ | ┞ | Ļ | ļ | | ↓_ | _ | | | 57 | | | | | | | _ | _ | | | | 107 | _ | | | _ | | | _ | | Щ |
| | 8 | 1 | | ⊢ | <u> </u> | <u> </u> | _ | ╀ | ├ | <u> </u> | l:::: | | 58 | | \square | | | _ | _ | | 4 | _ | | | 108 | _ | Ш | | | \vdash | | | _ | Ш |
| | 9 | 1 | <u> </u> | ļ | | | ├ | ╁ | ├ | - | | <u> </u> | 59 | | | | | | | - | | | | | 109 | <u> </u> | Н | | | | | - | _ | Н |
| | 10 | 1 | ₩ | - | ┢ | ⊢ | - | ╀ | ├ | | | <u> </u> | 60 | | | | _ | _ | | | - | _ | | | 110 | | Н | _ | | \vdash | | | _ | Н |
| | 11 12 | V | | | ┢ | - | ┢ | ╁ | ┼ | ├ | 1 | <u> </u> | 61 62 | \vdash | \vdash | | | | \vdash | \dashv | \dashv | \dashv | | | 111 | <u> </u> | Н | | <u> </u> | | | | \dashv | Н |
| | 13 | 1 | \vdash | | | - | + | +- | ┼ | | ŀ. | $\vdash\vdash$ | 63 | | \vdash | | | \dashv | \vdash | \dashv | \dashv | \dashv | | | 112 113 | \vdash | Н | _ | \vdash | - | - | \dashv | \dashv | $\vdash\vdash$ |
| | 14 | V | | | | ╁ | ┢ | | + | \vdash | 1 | | 64 | | \dashv | | - | \vdash | | \dashv | \dashv | \dashv | | ~ | 114 | | Н | - | <u> </u> | \vdash | - | \vdash | \dashv | \dashv |
| | 15 | V | | | | | t | ╁ | | ┢ | 1 | | 65 | | | | | | \dashv | \dashv | \dashv | \dashv | | | 115 | | Н | _ | - | \vdash | | | \dashv | \vdash |
| | 16 | V | _ | \vdash | | | T | t | 1 | _ | ĺ | | 66 | | | | | | | | + | _ | | | 116 | \vdash | Н | | | \vdash | | | \dashv | Н |
| | 17 | V | | \vdash | ┢ | | T | İ | 1 | | | | 67 | | | | | \neg | | _ | _ | \exists | | | 117 | | | | | Н | | | \dashv | Н |
| | 18 | V | | \vdash | | \vdash | 1 | | | | | | 68 | | П | | | | | 一 | _ | \neg | | | 118 | | | | | П | | | \neg | H |
| | 19 | V | П | Г | | Г | | | | | | | 69 | | | | | | | | _ | | | | 119 | | П | | | П | | | \neg | 一 |
| | 20 | V | | | | Γ | П | | | | | | 70 | | | | | | | ヿ | \neg | | | | 120 | | П | | | П | | \neg | ᆿ | T |
| | 21 | 1 | | | | | | | | Γ | | | 71 | | | | | | | | \neg | | | | 121 | | П | | | | | | \neg | |
| | 22 | | | | | | | | | |]: . | | 72 | | | | | | | | | | | | 122 | | | | | П | | | T | |
| | 23 | | | | | | | L | | | | | 73 | | | | | | | | | | | | 123 | | | | | | | | | |
| | 24 | | | _ | 匚 | | | _ | | | | | 74 | | | | | | | | | | | | 124 | | | | | | | | | |
| | 25 | | | <u> </u> | L | | _ | <u> </u> | $oxed{oxed}$ | _ | ļ :· | | 75 | | | | | | | | | | | | 125 | | | | | | | | | |
| | 26 | | _ | <u></u> | <u> </u> | _ | <u> </u> | | | <u> </u> | | | 76 | | | | | | | | | | | | 126 | | Ш | | | Ш | | | | |
| | 27 | _ | <u> </u> | _ | <u> </u> | <u> </u> | ļ | <u> </u> | | <u> </u> | | | 77 | | | | _ | | _ | | _ | _ | | | 127 | | Ш | | | | Ц | | | \square |
| | 28 | <u> </u> | <u> </u> | _ | <u> </u> | _ | | | ┡ | L | | | 78 | | | | _ | | _ | | _ | \dashv | | | 128 | | | | _ | Ы | | _ | _ | _ |
| | 29 30 | ┡ | ┢ | | ⊢ | | - | | ┢ | | | | 79 | | - | _ | \dashv | | | | _ | 4 | | | 129 | | Ш | | _ | | | | \dashv | _ |
| | 31 | ├— | ⊢ | | \vdash | | - | - | ├ | | | | 80 81 | | | | - | - | | \dashv | \dashv | \dashv | | | 130 | _ | | | | \vdash | | | | \dashv |
| | 32 | ├— | ╁ | \vdash | <u> </u> | | | - | | | · . | | 82 | | \dashv | \dashv | \dashv | \dashv | | | + | \dashv | | | 131 132 | | | | | -1 | \dashv | | \dashv | \dashv |
| | 33 | | | _ | - | <u> </u> | | ╁ | ┢ | - | | | 83 | | \dashv | | | \dashv | | \dashv | \dashv | ᅱ | | | 133 | | | _ | | \vdash | \dashv | \dashv | | \dashv |
| | 34 | ┢ | 1 | | | - | - | ╁ | ┢ | | | | 84 | \vdash | \dashv | \dashv | \dashv | ┪ | | \dashv | \dashv | ᅱ | | | 134 | | Н | _ | | | \dashv | \dashv | \dashv | \dashv |
| | 35 | | \vdash | | | | Н | | <u> </u> | | | | 85 | H | \dashv | - | \dashv | \dashv | _ | \dashv | \dashv | ᅴ | - 1 | | 135 | - | \vdash | \dashv | \vdash | \dashv | | | \dashv | \dashv |
| | 36 | | 1 | | | | \vdash | | \vdash | | | | 86 | \vdash | \dashv | | \dashv | \dashv | \dashv | | \dashv | \dashv | : | | 136 | | H | | \vdash | | - | \dashv | \dashv | \dashv |
| | 37 | | | Г | | | Т | | | | | | 87 | Н | \dashv | | | 一 | \dashv | \dashv | \dashv | ᅥ | . | | 137 | | \vdash | - | | \dashv | | \dashv | \dashv | \dashv |
| | 38 | | | | | П | Т | T | | | ļ ļ | | 88 | | _ | \neg | \dashv | | \dashv | \dashv | \dashv | ᅱ | | | 138 | | \vdash | | | \Box | | \dashv | 一 | \dashv |
| | 39 | <u> </u> | | | | | | Γ | | | | | 89 | П | \dashv | T | 一 | 1 | \neg | \neg | \neg | \dashv | - 1 | | 139 | | \exists | | | \sqcap | \neg | \dashv | \dashv | \dashv |
| | 40 | | | | | | Г | <u> </u> | | | | | 90 | | T | T | T | | | | 7 | ╗ | Ī | | 140 | | Ħ | | | T | _ | 寸 | 寸 | \neg |
| | 41 | | | | | | | | | | | | 91 | | | | | | | | _ | \exists | | \neg | 141 | | | \exists | | \Box | | \neg | 一 | \exists |
| | 42 | | | | | | | \Box | | | | | 92 | | | | | | | | | | : [| i | 142 | | | | | \Box | | \neg | ヿ | \neg |
| | 43 | _ | \Box | | L.] | | | | | | | | 93 | | | | \Box | \Box | | | \Box | | |] | 143 | | | | | | | \Box | | |
| | 44 | Ш | | <u> </u> | | Ш | | | | Ш | | | 94 | | | | | \Box | | \prod | \perp | | -[|] | 144 | | | | | \Box | | | | \Box |
| | 45 | | <u> </u> | | | Щ | _ | _ | | | | | 95 | | _ | _ | _ | | | _ | | | . [| | 145 | | Щ | | | [| [| _[| [| _] |
| | 46 | _ | _ | | Щ | Ш | | | <u> </u> | <u> </u> | | | 96 | _ | \dashv | _ | _ | _ | _ | _ | | Ц | J | | 146 | | Щ | | | | _ | | | _ |
| | 47 | <u> </u> | - | | Ш | | <u> </u> | <u> </u> | _ | <u> </u> | | | 97 | | _ | _ | _ | _ | _ | | _ | _ | - | | 147 | | | | | | | | _ | _ |
| | 48 | | | | Н | Ш | | <u> </u> | _ | | | | 98 | | | | | | _ | | 4 | 4 | - } | | 148 | | | | | \dashv | _ | _ | _ | [|
| | 49 | | | | - | | _ | | <u> </u> | | | | 99 | - | \dashv | - | | | | | + | 4 | - | | 149 | | | 4 | _ | \dashv | | | _ | _ |
| | 50 | | | | ŀ | | <u> </u> | | نا | | | | 100 | | - 1 | | _ 1 | | | - 1 | | - 4 | [| _ | 150 | | | ŀ | . | . | | . 1 | | - 1 |